

Title (en)

OFDM RECEIVER WITH ADAPTIVE EQUALISER

Title (de)

OFDM-EMPFÄNGER MIT ADAPTIVEM ENTZERRER

Title (fr)

RECEPTEUR OFDM AVEC EGALISEUR ADAPTATIF

Publication

EP 1142245 B1 20040602 (EN)

Application

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Abstract (en)

[origin: WO0044144A1] An OFDM receiver includes an adaptive equalizer, which acts on a received signal, after conversion to digital samples. After filtering by the equalizer, any guard interval is removed, and a Fast Fourier Transform is applied to the signal. The data signal is then estimated and the estimated data is supplied as an output. The estimated data also has any guard interval reinserted, and is applied to an Inverse Fast Fourier Transform, and is fed back to the equalizer to allow adaptation of the tap coefficients thereof.

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IPC 8 full level

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